

What is Claimed:

1. A method of treating an aneurysm comprising the steps of:  
2. determining the length of an aneurysm;  
3. determining the minimum length of a stent-graft needed to bridge said  
4. aneurysm;  
5. determining, based on said minimum length of said stent-graft needed to  
6. bridge said aneurysm, the corresponding maximum diameter of said stent-graft;  
7. providing an expandable endoluminal stent-graft having dilation restriction  
8. means for restricting dilation of said expandable endoluminal stent-graft beyond said  
9. maximum diameter; and  
10. deploying said expandable endoluminal stent-graft in said aneurysm to bridge  
11. said aneurysm.

1. The method of claim 1 wherein said dilation restriction means  
2. comprises a suture material.

1. The method of claim 2 wherein said suture material is flexible and  
2. substantially inelastic.

1. The method of claim 1 wherein said expandable stent is made of woven  
2. wires and said suture material is woven through said wires.

1. The method of claim 1 wherein said dilation restriction means  
2. comprises a plurality of sutures spaced along said expandable endoluminal stent-graft.

1. The method of claim 1 wherein said plurality of sutures are located in a  
2. plurality of substantially parallel planes which are substantially perpendicular to a  
3. longitudinal axis of said stent-graft.

1. The method of claim 6 further comprising the step of cutting the stent-  
2. graft to a length no shorter than said minimum length after said minimum length is  
3. determined but before said stent is deployed.